

Date: Sat, 30 Jul 94 04:30:12 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #856  
To: Info-Hams

Info-Hams Digest                      Sat, 30 Jul 94                      Volume 94 : Issue   856

Today's Topics:

                    CHICAGO HAM RADIO!  
    Computer radio - SoftWave by ComFocus - any good?  
                    GBOSNF  
    Need advice on towers  
        orbs\$210.2l.amsat  
        orbs\$210.micro.amsat  
        orbs\$210.weath.amsat  
    Wanted, Kenwood RZ-1 mods

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Fri, 29 Jul 1994 12:04:26  
From: news.sprintlink.net!indirect.com!s146.phxslip.indirect.com!  
lenwink@uunet.uu.net  
Subject: CHICAGO HAM RADIO!  
To: info-hams@ucsd.edu

The Ham Radio & More show goes LIVE this Sunday, July 31, 1994, on  
1330am, WKTA, in Chicagoland! Be sure to tune in and listen to Hap Holly  
KC9RP, this sunday's guest. Now Chicago can listen LIVE and participate  
by calling the call-in line at 1-800-298-talk.  
The show air LIVE at 5:00pm Chicago time.

73, Len, KB7LPW  
  
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Date: 29 Jul 1994 19:53:04 GMT  
From: news.uiowa.edu!panda@uunet.uu.net  
Subject: Computer radio - SoftWave by ComFocus - any good?  
To: info-hams@ucsd.edu

In note <CHESNEY.94Jul29132922@cimar.me.ufl.edu>, chesney@cimar.me.ufl.edu  
(Vann Chesney) writes:

>I am interested in the SoftWave radio by ComFocus as advertised on  
>page 4 of the Aug. '94 issue of Popular Communications. It seems  
>to have many great features but is it worth \$1495? Would it be  
>better to buy a JCR or ICOM receiver with a computer interface in  
>the same price range? Has anyone bought one or seen a demo? Any  
>comments or opinions?

I'd guess getting an ICOM or something is better... I can't get much of  
anything on SW with my computer on, so getting a completely computer-dependant  
radio might not be a good idea 8-)

>Vann Chesney  
>AC4QS  
>chesney@cimar.me.ufl.edu

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Date: Fri, 29 Jul 1994 19:44:41 +0000  
From: pipex!demon!g6dqy.demon.co.uk!john@uunet.uu.net  
Subject: GB0SNF  
To: info-hams@ucsd.edu

Just to let you know the special event station GB0SNF will be on the air  
starting Sunday July 3rd and will continue or the rest of the week.

GB0SNF is at Salopia Ninety Four which is run by Shropshire County  
International Camp. Scouts from all over the UK, Europe and elsewhere  
in the world will be in attendance.

We hope to be on most of the HF bands and 2m ssb.

Time of operating will be approx 0800-1500 UTC.

john

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e-mail john@g6dqy.demon.co.uk      Nr Shrewsbury Shropshire  
System used : Acorn A3000          4 MB RAM, 60 MB Hard Disk  
AX.25 mail to g6dqy @ gb7pmb.#28.gbr.eu

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Date: Fri, 29 Jul 1994 15:06:48 GMT  
From: brunix!rn@uunet.uu.net  
Subject: Need advice on towers  
To: info-hams@ucsd.edu

I would like to get the net's advice/wisdom/experience/opinions on fixed towers (not crankups) on the order of 50' to 100'. Who is regarded as making the highest quality towers? What can I expect to spend? Where can I obtain info on installation (guy wires, concrete for the base, etc)? Is there a knowledgeable person in the vicinity of Providence, RI who would be willing to chat in person and provide some help?

Rob Netzer, KD1TS  
rn@cs.brown.edu

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Date: 29 Jul 94 15:07:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: orbs\$210.21.amsat  
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-210.N  
2Line Orbital Elements 210.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT  
FROM WA5QGD FORT WORTH,TX July 29, 1994  
BID: \$ORBS-210.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ  
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10

1 14129U 83058B 94195.81899517 -.00000239 00000-0 10000-3 0 2900  
2 14129 27.0497 317.9184 6025942 194.3808 135.3303 2.05882029 83355  
U0-11

1 14781U 84021B 94206.57201705 .00000126 00000-0 29120-4 0 7113  
2 14781 97.7853 219.4981 0012287 142.1150 218.0921 14.69232874555947  
RS-10/11

1 18129U 87054A 94205.76394677 .00000021 00000-0 61233-5 0 9290  
2 18129 82.9269 301.0678 0010302 284.6472 75.3539 13.72339428355066  
AO-13

1	19216U	88051B	94205.91938835	.000000274	000000-0	10000-4	0	9355
2	19216	57.7565	240.1864	7222231	346.4624	1.6687	2.09718427	46805
FO-20								
1	20480U	90013C	94206.26040988	-.000000051	000000-0	-35431-4	0	7081
2	20480	99.0420	350.8957	0539824	253.2264	100.8961	12.83226193209016	
AO-21								
1	21087U	91006A	94208.21479316	.000000093	000000-0	82657-4	0	4933
2	21087	82.9441	113.0988	0035418	335.1148	24.8298	13.74542430175081	
RS-12/13								
1	21089U	91007A	94205.88513475	.000000042	000000-0	28212-4	0	7115
2	21089	82.9215	343.4852	0030108	6.5069	353.6469	13.74044138173828	
ARSENE								
1	22654U	93031B	94205.08601395	-.000000142	000000-0	000000+0	0	2672
2	22654	1.9520	97.7392	2917162	186.8922	167.2050	1.42201946	1729
UO-14								
1	20437U	90005B	94206.22284695	-.000000006	000000-0	14630-4	0	131
2	20437	98.5894	290.4825	0012008	78.9012	281.3516	14.29850235235026	
AO-16								
1	20439U	90005D	94206.20702088	.000000003	000000-0	18130-4	0	8113
2	20439	98.5977	291.7399	0012239	79.4923	280.7641	14.29904338235030	
DO-17								
1	20440U	90005E	94206.22761656	-.000000004	000000-0	15240-4	0	8125
2	20440	98.5991	292.0970	0012389	78.8466	281.4111	14.30043974235052	
WO-18								
1	20441U	90005F	94205.78381851	-.000000004	000000-0	15267-4	0	8142
2	20441	98.5990	291.6570	0012956	80.7533	279.5114	14.30018047234996	
LO-19								
1	20442U	90005G	94206.24921416	.000000001	000000-0	17383-4	0	8105
2	20442	98.5996	292.3827	0013298	79.1581	281.1094	14.30114763235079	
UO-22								
1	21575U	91050B	94205.73789110	.000000018	000000-0	20773-4	0	5157
2	21575	98.4330	279.4738	0007454	171.9232	188.2073	14.36924859158479	
KO-23								
1	22077U	92052B	94206.41547975	-.000000037	000000-0	10000-3	0	4102
2	22077	66.0810	199.9404	0015234	277.3412	82.5876	12.86286814	91707
AO-27								
1	22825U	93061C	94206.22287297	-.000000014	000000-0	12265-4	0	3088
2	22825	98.6518	281.6465	0009366	94.4271	265.7975	14.27629859	43114
IO-26								
1	22826U	93061D	94206.20110340	-.000000005	000000-0	15806-4	0	3085
2	22826	98.6520	281.6684	0010136	97.7120	262.5225	14.27734369	43113
KO-25								
1	22830U	93061H	94206.20302620	-.000000021	000000-0	88397-5	0	3134
2	22830	98.5527	278.5145	0012526	66.4100	293.8394	14.28060612	43126
NOAA-9								
1	15427U	84123A	94209.86049340	.000000050	000000-0	50570-4	0	8945
2	15427	99.0483	260.8324	0015771	100.2990	259.9957	14.13631184496143	
NOAA-10								

1	16969U	86073A	94209.93863882	.000000033	000000-0	32404-4	0	7908
2	16969	98.5068	217.6655	0012694	204.4999	155.5579	14.24899864408442	
MET-2/17								
1	18820U	88005A	94208.55852336	.000000041	000000-0	23129-4	0	3495
2	18820	82.5407	236.4684	0018481	68.3344	291.9792	13.84719050327942	
MET-3/2								
1	19336U	88064A	94205.76914298	.000000051	000000-0	10000-3	0	3066
2	19336	82.5410	297.0872	0016655	164.4493	195.7144	13.16968092288209	
NOAA-11								
1	19531U	88089A	94209.91986747	.000000083	000000-0	69681-4	0	7125
2	19531	99.1754	199.8594	0012433	19.9693	340.1957	14.13006241301039	
MET-2/18								
1	19851U	89018A	94206.16702017	.000000056	000000-0	36844-4	0	3078
2	19851	82.5217	113.6493	0015211	115.0034	245.2711	13.84369062272940	
MET-3/3								
1	20305U	89086A	94206.27592288	.000000044	000000-0	10000-3	0	1012
2	20305	82.5580	243.6642	0008119	186.1895	173.9139	13.04423668227869	
MET-2/19								
1	20670U	90057A	94205.89238965	.000000027	000000-0	11152-4	0	8112
2	20670	82.5441	178.5177	0017469	44.5933	315.6629	13.84190069205833	
FY-1/2								
1	20788U	90081A	94208.52814093	-.000000160	000000-0	-77915-4	0	250
2	20788	98.8360	227.3802	0015002	261.5803	98.3662	14.01353109199356	
MET-2/20								
1	20826U	90086A	94206.20347469	.000000058	000000-0	38953-4	0	8193
2	20826	82.5270	115.7430	0012736	308.5800	51.4224	13.83586125193012	
MET-3/4								
1	21232U	91030A	94205.86668683	.000000051	000000-0	10000-3	0	7183
2	21232	82.5436	142.9622	0014163	88.3601	271.9145	13.16463391156319	
NOAA-12								
1	21263U	91032A	94209.97738238	.000000136	000000-0	80415-4	0	1163
2	21263	98.6160	236.8309	0013628	112.1636	248.0972	14.22433181166449	
MET-3/5								
1	21655U	91056A	94208.09861331	.000000051	000000-0	10000-3	0	7273
2	21655	82.5543	88.5658	0014763	93.3306	266.9508	13.16832663141712	
MET-2/21								
1	22782U	93055A	94207.86898054	.000000051	000000-0	33013-4	0	3201
2	22782	82.5482	174.9895	0023648	111.9019	248.4661	13.830111161	45577
POSAT								
1	22829U	93061G	94206.20886141	.000000012	000000-0	22305-4	0	3019
2	22829	98.6465	281.7033	0011077	84.7659	275.4787	14.28034406	43124
MIR								
1	16609U	86017A	94208.19718392	.000001859	000000-0	32354-4	0	6909
2	16609	51.6474	346.2470	0001596	176.9266	183.1737	15.56672881482255	
HUBBLE								
1	20580U	90037B	94208.52592579	.000000363	000000-0	20944-4	0	5116
2	20580	28.4706	336.8557	0006320	147.8719	212.2252	14.90646736	35414
GRO								

1 21225U 91027B 94208.03852033 .00001628 00000-0 32144-4 0 1209  
2 21225 28.4634 315.4524 0003172 303.2211 56.8019 15.41089825 63090  
UARS  
1 21701U 91063B 94208.52684492 .00002576 00000-0 24557-3 0 5603  
2 21701 56.9859 357.4100 0005682 108.4118 251.7532 14.96553003156978  
/EX

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Date: 29 Jul 94 14:59:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: orbs\$210.micro.amsat  
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-210.D  
Orbital Elements 210.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS  
FROM WA5QGD FORT WORTH, TX July 29, 1994  
BID: \$ORBS-210.D  
TO ALL RADIO AMATEURS BT

Satellite: U0-14  
Catalog number: 20437  
Epoch time: 94206.22284695  
Element set: 13  
Inclination: 98.5894 deg  
RA of node: 290.4825 deg  
Eccentricity: 0.0012008  
Arg of perigee: 78.9012 deg  
Mean anomaly: 281.3516 deg  
Mean motion: 14.29850235 rev/day  
Decay rate: -6.0e-08 rev/day^2  
Epoch rev: 23502  
Checksum: 291

Satellite: A0-16  
Catalog number: 20439  
Epoch time: 94206.20702088  
Element set: 811  
Inclination: 98.5977 deg  
RA of node: 291.7399 deg  
Eccentricity: 0.0012239  
Arg of perigee: 79.4923 deg  
Mean anomaly: 280.7641 deg  
Mean motion: 14.29904338 rev/day  
Decay rate: 3.0e-08 rev/day^2  
Epoch rev: 23503

Checksum: 318

Satellite: D0-17

Catalog number: 20440

Epoch time: 94206.22761656

Element set: 812

Inclination: 98.5991 deg

RA of node: 292.0970 deg

Eccentricity: 0.0012389

Arg of perigee: 78.8466 deg

Mean anomaly: 281.4111 deg

Mean motion: 14.30043974 rev/day

Decay rate:  $-4.0\text{e-}08$  rev/day<sup>2</sup>

Epoch rev: 23505

Checksum: 302

Satellite: W0-18

Catalog number: 20441

Epoch time: 94205.78381851

Element set: 814

Inclination: 98.5990 deg

RA of node: 291.6570 deg

Eccentricity: 0.0012956

Arg of perigee: 80.7533 deg

Mean anomaly: 279.5114 deg

Mean motion: 14.30018047 rev/day

Decay rate:  $-4.0\text{e-}08$  rev/day<sup>2</sup>

Epoch rev: 23499

Checksum: 314

Satellite: L0-19

Catalog number: 20442

Epoch time: 94206.24921416

Element set: 810

Inclination: 98.5996 deg

RA of node: 292.3827 deg

Eccentricity: 0.0013298

Arg of perigee: 79.1581 deg

Mean anomaly: 281.1094 deg

Mean motion: 14.30114763 rev/day

Decay rate:  $1.0\text{e-}08$  rev/day<sup>2</sup>

Epoch rev: 23507

Checksum: 299

Satellite: U0-22

Catalog number: 21575

Epoch time: 94205.73789110

Element set: 515

Inclination: 98.4330 deg  
RA of node: 279.4738 deg  
Eccentricity: 0.0007454  
Arg of perigee: 171.9232 deg  
Mean anomaly: 188.2073 deg  
Mean motion: 14.36924859 rev/day  
Decay rate: 1.8e-07 rev/day^2  
Epoch rev: 15847  
Checksum: 328

Satellite: K0-23

Catalog number: 22077  
Epoch time: 94206.41547975  
Element set: 410  
Inclination: 66.0810 deg  
RA of node: 199.9404 deg  
Eccentricity: 0.0015234  
Arg of perigee: 277.3412 deg  
Mean anomaly: 82.5876 deg  
Mean motion: 12.86286814 rev/day  
Decay rate: -3.7e-07 rev/day^2  
Epoch rev: 9170  
Checksum: 310

Satellite: A0-27

Catalog number: 22825  
Epoch time: 94206.22287297  
Element set: 308  
Inclination: 98.6518 deg  
RA of node: 281.6465 deg  
Eccentricity: 0.0009366  
Arg of perigee: 94.4271 deg  
Mean anomaly: 265.7975 deg  
Mean motion: 14.27629859 rev/day  
Decay rate: -1.4e-07 rev/day^2  
Epoch rev: 4311  
Checksum: 339

Satellite: I0-26

Catalog number: 22826  
Epoch time: 94206.20110340  
Element set: 308  
Inclination: 98.6520 deg  
RA of node: 281.6684 deg  
Eccentricity: 0.0010136  
Arg of perigee: 97.7120 deg  
Mean anomaly: 262.5225 deg  
Mean motion: 14.27734369 rev/day



Decay rate: -5.0e-08 rev/day^2  
Epoch rev: 4311  
Checksum: 270

Satellite: K0-25  
Catalog number: 22830  
Epoch time: 94206.20302620  
Element set: 313  
Inclination: 98.5527 deg  
RA of node: 278.5145 deg  
Eccentricity: 0.0012526  
Arg of perigee: 66.4100 deg  
Mean anomaly: 293.8394 deg  
Mean motion: 14.28060612 rev/day  
Decay rate: -2.1e-07 rev/day^2  
Epoch rev: 4312  
Checksum: 259

/EX

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Date: 29 Jul 94 15:03:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: orbs\$210.weath.amsat  
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-210.W  
Orbital Elements 210.WEATHER

HR AMSAT ORBITAL ELEMENTS FOR WEATHER SATELLITES  
FROM WA5QGD FORT WORTH, TX July 29, 1994  
BID: \$ORBS-210.W  
TO ALL RADIO AMATEURS BT

Satellite: NOAA-9  
Catalog number: 15427  
Epoch time: 94209.86049340  
Element set: 894  
Inclination: 99.0483 deg  
RA of node: 260.8324 deg  
Eccentricity: 0.0015771  
Arg of perigee: 100.2990 deg  
Mean anomaly: 259.9957 deg  
Mean motion: 14.13631184 rev/day  
Decay rate: 5.0e-07 rev/day^2  
Epoch rev: 49614  
Checksum: 325

Satellite: NOAA-10  
Catalog number: 16969  
Epoch time: 94209.93863882  
Element set: 790  
Inclination: 98.5068 deg  
RA of node: 217.6655 deg  
Eccentricity: 0.0012694  
Arg of perigee: 204.4999 deg  
Mean anomaly: 155.5579 deg  
Mean motion: 14.24899864 rev/day  
Decay rate:  $3.3\text{e-}07$  rev/day<sup>2</sup>  
Epoch rev: 40844  
Checksum: 375

Satellite: MET-2/17  
Catalog number: 18820  
Epoch time: 94208.55852336  
Element set: 349  
Inclination: 82.5407 deg  
RA of node: 236.4684 deg  
Eccentricity: 0.0018481  
Arg of perigee: 68.3344 deg  
Mean anomaly: 291.9792 deg  
Mean motion: 13.84719050 rev/day  
Decay rate:  $4.1\text{e-}07$  rev/day<sup>2</sup>  
Epoch rev: 32794  
Checksum: 332

Satellite: MET-3/2  
Catalog number: 19336  
Epoch time: 94205.76914298  
Element set: 306  
Inclination: 82.5410 deg  
RA of node: 297.0872 deg  
Eccentricity: 0.0016655  
Arg of perigee: 164.4493 deg  
Mean anomaly: 195.7144 deg  
Mean motion: 13.16968092 rev/day  
Decay rate:  $5.1\text{e-}07$  rev/day<sup>2</sup>  
Epoch rev: 28820  
Checksum: 324

Satellite: NOAA-11  
Catalog number: 19531  
Epoch time: 94209.91986747  
Element set: 712  
Inclination: 99.1754 deg

RA of node: 199.8594 deg  
Eccentricity: 0.0012433  
Arg of perigee: 19.9693 deg  
Mean anomaly: 340.1957 deg  
Mean motion: 14.13006241 rev/day  
Decay rate: 8.3e-07 rev/day^2  
Epoch rev: 30103  
Checksum: 316

Satellite: MET-2/18  
Catalog number: 19851  
Epoch time: 94206.16702017  
Element set: 307  
Inclination: 82.5217 deg  
RA of node: 113.6493 deg  
Eccentricity: 0.0015211  
Arg of perigee: 115.0034 deg  
Mean anomaly: 245.2711 deg  
Mean motion: 13.84369062 rev/day  
Decay rate: 5.6e-07 rev/day^2  
Epoch rev: 27294  
Checksum: 276

Satellite: MET-3/3  
Catalog number: 20305  
Epoch time: 94206.27592288  
Element set: 101  
Inclination: 82.5580 deg  
RA of node: 243.6642 deg  
Eccentricity: 0.0008119  
Arg of perigee: 186.1895 deg  
Mean anomaly: 173.9139 deg  
Mean motion: 13.04423668 rev/day  
Decay rate: 4.4e-07 rev/day^2  
Epoch rev: 22786  
Checksum: 308

Satellite: MET-2/19  
Catalog number: 20670  
Epoch time: 94205.89238965  
Element set: 811  
Inclination: 82.5441 deg  
RA of node: 178.5177 deg  
Eccentricity: 0.0017469  
Arg of perigee: 44.5933 deg  
Mean anomaly: 315.6629 deg  
Mean motion: 13.84190069 rev/day  
Decay rate: 2.7e-07 rev/day^2

Epoch rev: 20583  
Checksum: 333

Satellite: FY-1/2  
Catalog number: 20788  
Epoch time: 94208.52814093  
Element set: 25  
Inclination: 98.8360 deg  
RA of node: 227.3802 deg  
Eccentricity: 0.0015002  
Arg of perigee: 261.5803 deg  
Mean anomaly: 98.3662 deg  
Mean motion: 14.01353109 rev/day  
Decay rate:  $-1.60\text{e-}06$  rev/day<sup>2</sup>  
Epoch rev: 19935  
Checksum: 287

Satellite: MET-2/20  
Catalog number: 20826  
Epoch time: 94206.20347469  
Element set: 819  
Inclination: 82.5270 deg  
RA of node: 115.7430 deg  
Eccentricity: 0.0012736  
Arg of perigee: 308.5800 deg  
Mean anomaly: 51.4224 deg  
Mean motion: 13.83586125 rev/day  
Decay rate:  $5.8\text{e-}07$  rev/day<sup>2</sup>  
Epoch rev: 19301  
Checksum: 282

Satellite: MET-3/4  
Catalog number: 21232  
Epoch time: 94205.86668683  
Element set: 718  
Inclination: 82.5436 deg  
RA of node: 142.9622 deg  
Eccentricity: 0.0014163  
Arg of perigee: 88.3601 deg  
Mean anomaly: 271.9145 deg  
Mean motion: 13.16463391 rev/day  
Decay rate:  $5.1\text{e-}07$  rev/day<sup>2</sup>  
Epoch rev: 15631  
Checksum: 298

Satellite: NOAA-12  
Catalog number: 21263  
Epoch time: 94209.97738238

Element set: 116  
Inclination: 98.6160 deg  
RA of node: 236.8309 deg  
Eccentricity: 0.0013628  
Arg of perigee: 112.1636 deg  
Mean anomaly: 248.0972 deg  
Mean motion: 14.22433181 rev/day  
Decay rate: 1.36e-06 rev/day^2  
Epoch rev: 16644  
Checksum: 299

Satellite: MET-3/5  
Catalog number: 21655  
Epoch time: 94208.09861331  
Element set: 727  
Inclination: 82.5543 deg  
RA of node: 88.5658 deg  
Eccentricity: 0.0014763  
Arg of perigee: 93.3306 deg  
Mean anomaly: 266.9508 deg  
Mean motion: 13.16832663 rev/day  
Decay rate: 5.1e-07 rev/day^2  
Epoch rev: 14171  
Checksum: 315

Satellite: MET-2/21  
Catalog number: 22782  
Epoch time: 94207.86898054  
Element set: 320  
Inclination: 82.5482 deg  
RA of node: 174.9895 deg  
Eccentricity: 0.0023648  
Arg of perigee: 111.9019 deg  
Mean anomaly: 248.4661 deg  
Mean motion: 13.83011161 rev/day  
Decay rate: 5.1e-07 rev/day^2  
Epoch rev: 4557  
Checksum: 312

/EX

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Date: 29 Jul 1994 01:11:58 -0700  
From: news.sprintlink.net!bethel.connected.com!hebron.connected.com!not-for-mail@uunet.uu.net  
Subject: Wanted, Kenwood RZ-1 mods  
To: info-hams@ucsd.edu

Tom WB7ASR (tom\_boza@ccm.hf.intel.com) wrote:

: Does anyone have "any" mods for the Kenwood RZ-1 scanner?  
: If so, I would appreciate copies of them.

try FTP oak.oakland.edu  
/pub/hamradio/mods/kenwood

The RZ-1 might be there...It's a good source of mods

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End of Info-Hams Digest V94 #856

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